



1637  
#5/IDS

Docket No. 20410-7013

**Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):**

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to the Assistant Commissioner for Patents, Washington D.C. 20231.

[ ] Pursuant to 37 C.F.R. § 1.6(d), I hereby certify that this paper and all enclosures are being sent via facsimile on the date indicated below to the attention of Examiner \_\_\_\_\_ at Facsimile No. \_\_\_\_\_ at \_\_\_\_\_ a.m./p.m.

Dated: August 27, 2002

Name of Person Certifying: \_\_\_\_\_  
Printed Name: Nancy Hine

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Carl Alexander Kamb  
Filing Date: January 18, 2002  
Serial No.: 10/053,366  
Title: Methods for Negative Selections Using Solid Supports

Assignee:  
Examiner:  
Group Art Unit:

Deltagen Proteomics, Inc.  
Not Assigned  
Not Assigned

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Assistant Commissioner for Patents  
Washington, D.C. 20231

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached Form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

**I. Timing of the Information Disclosure Statement:**

This Information Disclosure Statement is filed:

- With the new patent application submitted herewith (37 C.F.R. § 1.97(a)).
- Within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 C.F.R. § 1.491.
- Before the mailing date of a first Office action on the merits. In the event, however, that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is hereby authorized to charge Deposit Account No. 50-1193 for any fees required pursuant to 37 C.F.R. §§ 1.17(p) or 1.17(i)(1).

This Information Disclosure Statement is filed:

- After the first Office Action and more than three months after the application's filing date; or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and the Commissioner is hereby authorized to charge Deposit Account No. [ ] for the fee (\$180) set forth in 37 C.F.R. § 1.17(p) and any additional required fees.

This Information Disclosure Statement is filed:

- After the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$180.00) set forth in 37 C.F.R. § 1.17(i)(1) and a certification as specified in 37 C.F.R. § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the Information Disclosure Statement.

The undersigned certifies that:

- Each item of information contained in the Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

**II. Copies of the Cited Items:**

- Copies of all of the items listed on the attached Form PTO-1449 are enclosed.
- Copies of only the following items listed on the attached Form PTO-1449 are enclosed: A9, A11, A14, A15, A21, B3, B7, B10, B11, B12, B13, B14 and B21 and the International Search Report for corresponding PCT US97/23173 mailed August 5, 1998.
- Copies of those items which are marked with an asterisk (\*) in the attached Form PTO-1449 are not supplied because they were previously cited by or submitted to the Patent Office in a prior Application No. 09/336,107, filed June 18, 1999 and relied upon in this application for an earlier filing date under 35 U.S.C § 120. See 37 C.F.R. § 1.98(d);
- Copies of those items which are marked with a double asterisk (\*\*) in the attached Form PTO-1449 are not supplied because they were previously cited by or submitted to the Patent Office in a prior Application No. 08/764,191, filed December 13, 1996 and relied upon in this application for an earlier filing date under 35 U.S.C § 120. See 37 C.F.R. § 1.98(d);
- Copies of those items which are marked with a triple asterisk (\*\*\*) in the attached Form PTO-1449 were cited in a foreign examination report in a related case. A copy of the search report is attached hereto.

**III. Concise Explanation of Relevance:**

- A concise explanation of relevance of the items listed on Form PTO-1449 is not given.
- A concise explanation of relevance of the items listed on Form PTO-1449 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references (copy attached).

**IV. Conclusion:**

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO 1449 with initials or other appropriate marks.

The Commissioner is hereby authorized to charge Deposit Account No. 50-1193 Docket No. 20410-7013 for any additional fees required in connection with the filing of this Information Disclosure Statement.

DATE: August 27, 2002

Respectfully submitted,

By: Michael J. Shuster  
Michael J. Shuster, Ph.D.  
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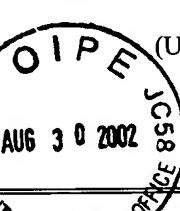
10/053,366

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT(S)' INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

AUG 30 2002

PATENTS &amp; TRADEMARKS



INVENTOR Carl Alexander Kamb

FILING DATE  
January 18, 2002GROUP ART UNIT  
Not Yet Assigned**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAM'R INITIAL	DOCUMENT NUMBER	DATE	NAME	Class	Subclass	Filing Date If Appropriate
	*A1 6,153,380	11/28/00	Nolan et al.			
	*A2 5,976,893	11/02/99	Dennis et al.			
	*A3 5,942,389	08/24/99	Kirschling et al.			
	*A4 5,928,888	07/27/99	Whitney			SEP 03 2002
	*A5 5,856,171	01/05/99	Korsmeyer			
	*A6 5,824,469	10/20/98	Horwitz et al.			TECH CENTER 1600/2900
	*A7 5,811,234	09/22/98	Roninson et al.			
	*A8 5,789,389	08/04/98	Tarasewicz et al.			
A9	5,763,175	06/09/98	Brenner			
*A10	5,753,432	05/19/98	Gudkov et al.			
A11	5,736,330	04/07/98	Fulton			
*A12	5,702,890	12/30/97	Housman			
*A13	5,639,595	06/17/97	Mirabelli et al.			
A14	5,604,097	02/18/97	Brenner			
A15	5,573,909	11/12/96	Singer et al.			
*A16	5,525,490	06/11/96	Erickson et al.			
*A17	5,436,142	07/25/95	Wigler et al.			
*A18	5,382,510	01/17/95	Levine et al.			
*A19	5,283,173	02/01/94	Fields et al.			
*A20	5,217,889	06/08/93	Roninson et al.			
A21	5,149,625	09/22/92	Church et al.			
**A22	4,980,460	12/25/90	Molko et al.			
**A23	4,973,679	11/27/90	Caruthers et al.			
**A24	4,725,677	02/16/88	Köster et al.			
**A25	4,678,814	07/07/87	Rembaum			
**A26	4,569,774	02/11/86	Forbus, Jr.			
**A27	4,458,066	07/03/84	Caruthers et al.			
**A28	4,415,732	11/15/83	Caruthers et al.			
**A29	4,413,070	11/01/83	Rembaum			

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## GROUP ART UNIT

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## FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N	
							yes	no
	*B1	WO 98/56904	12/17/98	PCT				
	*B2	WO 98/54366	12/03/98	PCT				
	B3	WO 98/53300	11/26/98	PCT			<b>RECEIVED</b>	
	*B4	WO 98/13353	04/02/98	PCT			SEP 03 2002	
	*B5	WO 98/07886	02/26/98	PCT			TECH CENTER 1600/2900	
	*B6	WO 97/39119	10/23/97	PCT				
	B7	WO 97/32999	09/12/97	PCT				
	*B8	WO 97/26325	07/24/97	PCT				
	*B9	WO 97/22722	06/26/97	PCT				
	B10	WO 97/14028	04/17/97	PCT				
	B11	WO 97/13877	04/17/97	PCT				
	B12	WO 97/10365	03/20/97	PCT				
	B13	WO 96/41011	12/19/96	PCT				
	B14	WO 96/40987	12/19/96	PCT				
	**B15	WO 96/12039	04/25/96	PCT				
	**/***	WO 96/12014	04/25/96	PCT				
	B16							
	**B17	WO 95/35505	12/28/95	PCT				
	**B18	WO 95/27080	10/12/95	PCT				
	*B19	WO 95/23855	09/08/95	PCT				
	**/***	WO 95/08647	03/30/95	PCT				
	B20							
	B21	WO 95/01456	01/12/95	PCT				
	**B22	WO 93/21203	10/28/93	PCT				
	**B23	WO 93/18068	09/16/93	PCT				
	**/***	WO 93/02214	02/04/93	PCT				
	B24							
	**B15	WO 92/04384	03/19/92	PCT				
	**B26	WO 91/14768	10/03/91	PCT				
	**B27	EP 0 395398	10/31/90	EP				

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**OTHER ART (Include Author, Title, Date, Pertinent Pages, etc.)**

	*C1	Abrahamson et al., 1995, "Regulation of p53-Mediated Apoptosis and Cell Cycle Arrest by Steel Factor", <i>Mol. Cell. Biol.</i> 15:6953-6960.
	*C2	Abedi et al., 1998, "Green Fluorescent Protein as a Scaffold for Intracellular Presentation of Peptides", <i>Nucleic Acids Res.</i> 26:623-630.
	**C3	Albretsen et al., 1990, "Applications of Magnetic Beads with Covalently Attached Oligonucleotides in Hybridization: Isolation and Detection of Specific Measles Virus mRNA from a Crude Cell Lysate", <i>Anal. Biochem.</i> 189:40-50.
	*C4	Arsura et al., 1995, "Variant Max Protein, Derived by Alternative Splicing, Associates with c-Myc In Vivo and Inhibits Transactivation", <i>Mol. Cell Biol.</i> 15:6702-6709.
	*C5	Bani et al., 1996, "Multiple Features of Advanced Melanoma Recapitulated in Tumorigenic Variants of early Stage (Radial Growth Phase) Human Melanoma Cell Lines: Evidence for a Dominant Phenotype", <i>Cancer Res.</i> 56:3075-3086.
	*C6	Bartel and Fields, 1995, "Analyzing Protein-Protein Interactions Using Two-Hybrid System", <i>Methods Enzymol.</i> 254:241-263.
	**C7	Baum, 1996, "Combinational Chemistry", <i>Chem. Engin. News</i> Feb. 12 Issue:28-64.
	**C8	Beattie et al., 1993, "Genosensor Technology", <i>Clin. Chem.</i> 39:719-722.
	**C9	Beaucage and Iyer, 1992, "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach", <i>Tetrahedron</i> 48:2223-2311.
	*C10	Bishop, J.M., 1983, "Cellular Oncogenes and Retroviruses", <i>Annu. Rev. Biochem.</i> 52:301-354.
	*C11	Bishop, J.M., 1987, "The Molecular Genetics of Cancer", <i>Science</i> 235:305-311.
	**C12	Boerwinkle et al., 1989, "Rapid Typing of Tandemly Repeated Hypervariable Loci by the Polymerase Chain Reaction: Application to the Apolipoprotein B 3' Hypervariable Region", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 86:212-216.
	**C13	Botstein et al., 1980, "Construction of a Genetic Linkage Map in Man Using Restriction Fragment Length Polymorphisms", <i>Am. J. Hum. Genet.</i> 32:314-331.
	*C14	Bourgeois et al., 1993, "Expression of an mdr Gene is Associated with a New Form of Resistance to Dexamethasone-Induced Apoptosis", <i>Mol. Endocrinol.</i> 7:840-851.
	C15	Brenner et al., 1992, "Encoded Combinatorial Chemistry", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 89:5381-5383.
	**C16	Brown et al., 1989, "A New Base-Stable Linker for Solid-phase Oligonucleotide Synthesis", <i>J. Chem. Soc., Chem. Commun.</i> 14:891-893.
	**C17	Bush et al., 1992, "Solid-Phase Time-Resolved Fluorescence Detection of Human Immunodeficiency Virus Polymerase Chain Reaction Amplification Products", <i>Anal. Biochem.</i> 202:146-151.
	*C18	Cannon-Albright et al., 1992, "Assignment of a Locus for Familial Melanoma, MLM, to Chromosome 9p13-p22", <i>Science</i> 258:1148-1152.

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*C19	Cavenee et al., 1983, "Expression of Recessive Alleles by Chromosomal Mechanisms in Retinoblastoma", <i>Nature</i> 305:779-784.
*C20	Chen et al., 1996, "Activation and Inhibition of the AP-1 Complex in Human Breast Cancer Cells", <i>Mol. Carcinog.</i> 15:215-226.
*C21	Cho et al., 1976, "Revertants of Human Cells Transformed by Murine Sarcoma Virus", <i>Science</i> 194:951-953.
*C22	Collins and Rivas, 1993, "The Control of Apoptosis in Mammalian Cells", <i>Trends Biochem. Sci.</i> 18:307-309.
*C23	Copeland et al., 1979, "Transformation of NIH/3T3 Mouse Cells by DNA of Rous Sarcoma Virus", <i>Cell</i> 17:993-1002.
**C24	Damha et al., 1990, "An Improved Procedure for Derivatization of Controlled-pore Glass Beads for Solid-Phase Oligonucleotide Synthesis", <i>Nucleic Acids Res.</i> 18:3813-3821.
*C25	Darnell et al., <i>Molecular Cell Biology</i> , p. 1044.
*C26	Dubab et al., 1996, "Role of Transactivation of the EGF Receptor in Signalling by G-protein-coupled Receptors", <i>Nature</i> 379:557-560.
**C27	Day et al., 1991, "Immobilization of Polynucleotides on Magnetic Particles", <i>Biochem J.</i> 278:735-740.
*C28	Denko et al., 1995, "Mitotic and Post Mitotic Consequences of Genomic Instability Induced by Oncogenic Ha-Ras", <i>Somat. Cell. Mol. Genet.</i> 21:241-253.
**C29	Der et al., 1982, "Transforming Genes of Human Bladder and Lung Carcinoma Cell Lines are Homologous to the <i>ras</i> Genes in Harvey and Kirsten Sarcoma Viruses", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 79:3637-3640.
**C30	Diatchenko et al., 1996, "Suppression Subtractive Hybridization: A Method for Generating Differentially Regulated or Tissue-specific cDNA Probes and Libraries", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 93:6025-6030.
*C31	Egawa et al., 1995, "Early Detection of Prostate Cancer", <i>Cancer</i> 76:463-472.
**C32	El-Deiry et al., 1993, "WAF1, A Potential Mediator of p53 Tumor Suppression", <i>Cell</i> 75:817-825.
*C33	Evan et al., 1992, "Induction of Apoptosis in Fibroblasts by c-myc Protein", <i>Cell</i> 69:119-128.
*C34	Fieck et al., 1992, "Modifications of the <i>E. coli</i> Lac Repressor for Expression in Eukaryotic Cells: Effects of Nuclear Signal Sequences on Protein Activity and Nuclear Accumulation", <i>Nucleic Acid Res.</i> 20:1785-1791.
*C35	Fischinger et al., 1972, "Reversion of Murine Sarcoma Virus Transformed Mouse Cells: Variants without a Rescuable Sarcoma Virus", <i>Science</i> 176:1033-1035.
*C36	Francke et al., 1976, "Retinoblastoma and Chromosome 13", <i>Cytogenet. Cell Genet.</i> 16:131-134.
*C37	Francke et al., 1979, "Aniridia-Wilms' Tumor Association: Evidence for Specific Deletion of 11p13", <i>Cytogenet. Cell Genet.</i> 24:185-192.

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	*C38	Friend et al., 1986, "A Human DNA Segment with Properties of the Gene that Predisposes to Retinoblastoma and Osteosarcoma", <i>Nature</i> 323:643-646.
	*C39	Friend et al., 1987, "Deletions of a DNA Sequence in Retinoblastomas and Mesenchymal Tumors: Organization of the Sequence and its Encoded Protein", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 84:9059-9063.
	*C40	Gaits et al., 1995, "Increase in Receptor-like Protein Tyrosine Phosphatase Activity and Expression Level on Density-dependent Growth Arrest of Endothelial Cells", <i>Biochem. J.</i> 311:97-103.
	*C41	Galiana et al., 1995, "Identification of a Neural-specific cDNA, NPDC-1, Able to Down-regulate Cell Proliferation and to Suppress Transformation", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 92:1560-1564.
	*C42	Gessler et al., 1990, "Homozygous Deletion in Wilms Tumours of a Zinc-Finger Gene Identified by Chromosome Jumping", <i>Nature</i> 343:774-778.
	**C43	Ghosh and Musso, 1987, "Covalent Attachment of Oligonucleotides to Solid Supports", <i>Nucleic Acids Res.</i> 15:5353-5372.
	*C44	Gossen and Bujard, 1992, "Tight Control of Gene Expression in Mammalian Cells by Tetracycline-responsive Promoters", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 89:5547-5551.
	*C45	Greenberger and Aaronson, 1974, "Morphologic Revertants of Murine Sarcoma Virus Transformed Nonproducer BALB/3T3: Selective Techniques for Isolation and Biologic Properties in Vitro and in Vivo", <i>Virology</i> 57:339-346.
	**C46	Grothues et al., 1993, PCR Amplification of Megabase DNA with Tagged Random Primers (T-PCR)", <i>Nucleic Acids Res.</i> 21:1321-1322.
	*C47	Ha et al., 1996, "Use of the Green Fluorescent Protein as a Marker in Transfected Leishmania", <i>Mol. Biochem. Parasitol.</i> 77:57-64.
	*C48	Hall et al., 1990, "Linkage of Early-Onset Familial Breast Cancer to Chromosome 17q21", <i>Science</i> 250:1684-1689.
	*C49	Harbour et al., 1988, "Abnormalities in Structure and Expression of the Human Retinoblastoma Gene in SCLC", <i>Science</i> 241:353-356.
	*C50	Harrington et al., 1994, "Oncogenes and Cell Death", <i>Curr. Opin. Genet. Dev.</i> 4:120-129.
	*C51	Haslinger et al., 1985, "Upstream Promoter Element of the Human Metallothionein-IIA Gene Can Act Like an Enhancer Element", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 82:8572-8576.
	**C52	Hattier et al., 1995, "Monitoring the Efficacy of Hybrid Selection during Positional Cloning: The Search for BRCA1", <i>Mamm. Genome</i> 6:873-879.
	**C53	Hedrick et al., 1984, "Isolation of cDNA Clones Encoding T Cell-Specific Membrane-Associated Proteins", <i>Nature</i> 308:149-153.
	*C54	Hirano et al., 1995, "Roles of p53 Mutation in Cell Line Establishment and Identification of the Minimum Transactivation and Transform Suppression Domains", <i>Oral Oncol. Eur. J. Cancer</i> 31B:129-135.
	*C55	Holt et al., 1996, "Growth Retardation and Tumour Inhibition by BRCA1", <i>Nature Genet.</i> 12:298-302.

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*C56	Horuk et al., 1993, "Purification, Receptor Binding Analysis, and Biological Characterization of Human Melanoma Growth Stimulating Activity (MGSA)", <i>J. Biol. Chem.</i> 268:541-546.
*C57	Huang et al., 1988, "Suppression of the Neoplastic Phenotype by Replacement of the RB Gene in Human Cancer Cells", <i>Science</i> 242:1563-1566.
*C58	Inoue et al., 1983, "Rat Mutant Cells Showing Temperature Sensitivity for Transformation by Wild-type Moloney Murine Sarcoma Virus", <i>Virology</i> 125:242-245.
*C59	Itoh et al., 1991, "The Polypeptide Encoded by the cDNA for Human Cell Surface Antigen Fas Can Mediate Apoptosis", <i>Cell</i> 66:233-243.
*C60	Johnson et al., 1995, "Selective Tumorigenesis in Non-Parenchymal Liver Epithelial Cell Lines by Hepatocyte Growth Factor Transfection", <i>Cancer Lett.</i> 96:37-48.
*C61	Kallioniemi et al., 1992, "Comparative Genomic Hybridization for Molecular Cytogenetic Analysis of Solid Tumors", <i>Science</i> 258:818-821.
*C62	Kamb et al., 1994, "A Cell Cycle Regulator Potentially Involved in Genesis of Many Tumor Types", <i>Science</i> 264:436-440.
**C63	Kamb et al., 1987, "Molecular Characterization of <i>Shaker</i> , a Drosophila Gene that Encodes a Potassium Channel", <i>Cell</i> 50:405-413.
*C64	Kashles et al., 1991, "A Dominant Negative Mutation Suppresses the Function of Normal Epidermal Growth Factor Receptors by Heterodimerization", <i>Mol. Cell. Biol.</i> 11:1454-1463.
*C65	Korsmeyer, 1992, "Bcl-2: A Repressor of Lymphocyte Death", <i>Immunol. Today</i> 13:285-288.
*C66	Knippschild et al., 1996, "Abrogation of Wild-Type p53 Mediated Growth Inhibition by Nuclear Exclusion", <i>Oncogene</i> 12:1755-1765.
*C67	Kruglyak et al., 1995, "Complete Multipoint Sib-Pair Analysis of Qualitative and Quantitative Traits", <i>Am. J. Hum. Genet.</i> 57:439-454.
*C68	Kruglyak et al., 1995, "High-Resolution Genetic Mapping of Complex Traits", <i>Am. J. Hum. Genet.</i> 56:1212-1223.
*C69	Kyprianou et al., 1991, "Programmed Cell Death During Regression of the MCF-7 Human Breast Cancer Following Estrogen Ablation", <i>Cancer Res.</i> 51:162-166.
**C70	Lam et al., 1991, "A New Type of Synthetic Peptide Library for Identifying Ligand-binding Activity", <i>Nature</i> 354:82-84.
*C71	Land et al., 1983, "Tumorigenic Conversion of Primary Embryo Fibroblasts Requires at Least Two Cooperating Oncogenes", <i>Nature</i> 304:596-602.
*C72	Latif et al., 1993, "Identification of the von Hippel-Lindau Disease Tumor Suppressor Gene", <i>Science</i> 260:1317-1320.
*C73	Lee et al., 1987, "The Retinoblastoma Susceptibility Gene Encodes a Nuclear Phosphoprotein Associated with DNA Binding Activity", <i>Nature</i> 329:642-645.
*C74	Lennon et al., 1996, "The I.M.A.G.E. Consortium: An Integrated Molecular Analysis of Genomes and Their Expression", <i>Genomics</i> 33:151-152.
*C75	Li and Herskowitz, 1993, "Isolation of ORC6, a Component of the Yeast Origin Recognition Complex by a One-Hybrid System", <i>Science</i> 262:1870-1874.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to Applicant(s).

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## FILING DATE

January 18, 2002

GROUP ART UNIT

Not Yet Assigned



*C76	Liang et al., 1995, "Analysis of Altered Gene Expression by Differential Display", <i>Methods Enzymol.</i> 254:304-321.
*C77	Lin et al., 1992, "Growth Arrest Induced by Wild-type p53 Protein Blocks Cells Prior to or Near the Restriction Point in Late G1 Phase", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 89:9210-9214.
**C78	Lipshutz et al., 1995, "Using Oligonucleotide Probe Arrays to Access Genetic Diversity", <i>BioTechniques</i> 19:442-447.
**C79	Lisitsyn and Wigler, 1995, "Representational Difference Analysis in Detection of Genetic Lesions in Cancer", <i>Methods Enzymol.</i> 254:291-304.
*C80	Lowe et al., 1994, "p53 Status of the Efficacy of Cancer Therapy in Vivo", <i>Science</i> 266:807-810.
**C81	Lund et al., 1988, "Assessment of Methods for Covalent Binding of Nucleic Acids to Magnetic Beads, Dynabeads™, and the Characteristics of the Bound Nucleic Acids in Hybridization Reactions", <i>Nucleic Acids Res.</i> 16:10861-10880.
*C82	Martin et al., 1994, "Dicing with Death: Dissecting the Components of the Apoptosis Machinery", <i>Trends Biochem. Sci.</i> 19:26-30.
*C83	Maruyama et al., 1981, "Characterization of Flat Revertant Cells Isolated from Simian Virus 40-Transformed Mouse and Rat Cells Which Contain Multiple Copies of Viral Genomes", <i>J. Virol.</i> 37:1028-1043.
**C84	Maskos and Southern, 1992, "Oligonucleotide Hybridisations on Glass Supports: A Novel Linker for Oligonucleotide Synthesis and Hybridisation Properties of Oligonucleotides Synthesised <i>in situ</i> ", <i>Nucleic Acids Res.</i> 20:1679-1684.
*C85	Mathey-Prevot et al., 1984, "Revertants and Partial Transformants of Rat Fibroblasts Infected with Fujinami Sarcoma Virus", <i>J. Virol.</i> 50:325-334.
*C86	Mendelsohn and Brent, 1994, "Applications of Interaction Traps/Two-hybrid Systems to Biotechnology Research", <i>Curr. Opin. Biotechnol.</i> 5:482-486.
*C87	Merlo et al., 1995, "p53-Dependent and p53-Independent Activation of Apoptosis in Mammary Epithelial Cells Reveals a Survival Function of EGF and Insulin", <i>J. Cell Biol.</i> 128:1185-1196.
**C88	Mészáros and Morton, 1996, "Subtractive Hybridization Strategy Using Paramagnetic Oligo(dT) Beads and PCR", <i>BioTechniques</i> 20:413-419.
*C89	Mettlin et al., 1996, "The Results of a Five-year Early Prostate Cancer Detection Intervention", <i>Cancer</i> 77:150-159.
*C90	Miki et al., 1994, "A Strong Candidate for the Breast and Ovarian Cancer Susceptibility Gene BRCA1", <i>Science</i> 266:66-71.
*C91	Millauer et al., 1994, "Glioblastoma Growth Inhibited <i>in vivo</i> by a Dominant-negative Flk-1 Mutant", <i>Nature</i> 367:576-579.
*C92	Muthukumar et al., 1995, "Role of EGR-1 in Thapsigargin-Inducible Apoptosis in the Melanoma Cell Line A375-C6", <i>Mol. Cell. Biol.</i> 15:6262-6272.
**C93	Needels et al., 1993, "Generation and Screening of an Oligonucleotide-Encoded Synthetic Peptide Library", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 90:10700-10704.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to Applicant(s).

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INVENTOR  
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FILING DATE  
January 18, 2002GROUP ART UNIT  
Not Yet Assigned

	*C94	Nishisho et al., 1991, "Mutations of Chromosome 5q21 Genes in FAP and Colorectal Cancer Patients", <i>Science</i> 253:665-669.
	*C95	Nobori et al., 1994, "Deletions of the Cyclin-dependent Kinase-4 Inhibitor Gene in Multiple Human Cancers", <i>Nature</i> 368:753-756.
	**C96	Noda et al., 1994, "Cloning of Senescent Cell-Derived Inhibitors of DNA Synthesis Using an Expression Screen", <i>Exp. Cell. Res.</i> 211:90-98.
	*C97	Norton et al., 1984, "Expression of Kirsten Murine Sarcoma Virus in Transformed Nonproducer and Revertant NIH/3T3 Cells: Evidence for Cell-mediated Resistance to a Viral Oncogene in Phenotypic Reversion", <i>J. Virol.</i> 50:439-444.
	*C98	Okazawa et al., 1996, "Bcl-2 Inhibits Retinoic Acid-induced Apoptosis During the Neural Differentiation of Embryonal Stem Cells", <i>J. Cell Biol.</i> 132:955-968.
	*C99	Ozanne and Vogel, 1974, "Selection of Revertants of Kirsten Sarcoma Virus Transformed Nonproducer BALB/3T3 Cells", <i>J. Virol.</i> 14:239-248.
	** C100	Palazzolo et al., 1989, "Use of a New Strategy to Isolate and Characterize 436 Drosophila cDNA Clones Corresponding to RNAs Detected in Adult Heads but Not in Early Embryos", <i>Neuron</i> 3:527-539.
	** C101	Parada et al., 1982, "Human EJ Bladder Carcinoma Oncogene is Homologue of Harvey Sarcoma Virus <i>ras</i> Gene", <i>Nature</i> 297:474-478.
	*C102	Partin et al., 1996, "Standard Versus Age-specific Prostate Specific Antigen Reference Ranges Among Men with Clinically Localized Prostate Cancer: A Pathological Analysis", <i>J. Urol.</i> 155:1336-1339.
	**/** C103	Patanjali et al., 1991 "Construction of a Uniform-Abundance (Normalized) cDNA Library", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 88:1943-1947.
	*C104	Pestov et al., 1994 "Genetic Selection of Growth-inhibitory Sequences in Mammalian Cells", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:12549-12553.
	*C105	Pickett et al., 1995, "Epidermal Growth Factor and Ras Regulate Gene Expression in GH4 Pituitary Cells by Separate, Antagonistic Signal Transduction Pathways", <i>Mol. Cell. Biol.</i> 15:6777-6784.
	** C106	Pon et al., 1988, "Derivatization of Controlled Pore Glass Beads for Solid Phase Oligonucleotide Synthesis". <i>BioTechniques</i> 6:768-775.
	** C107	Puzyrev et al., 1995, "Normalized cDNA Library from Human Erythroleukemia Cells", <i>Mol. Biol.</i> 29:58-61.
	*C108	Redemann et al., 1992, "Anti-Oncogenic Activity of Signalling-defective Epidermal Growth Factor Receptor Mutants", <i>Mol. Cell Biol.</i> 12:491-498.
	*C109	Rotter et al., 1993, "In Search of the Functions of Normal p53 Protein", <i>Trends Cell. Biol.</i> 3:46-49.
	*C110	Rouleau et al., 1993, "Alteration in a New Gene Encoding a Putative Membrane-organizing Protein Causes Neuro-Fibromatosis Type 2", <i>Nature</i> 363:515-521.
	** C111	Rowley, J.D., 1990, "Molecular Cytogenetics: Rosetta Stone for Understanding Cancer-Twenty-ninth G.H.A. Clowes Memorial Award Lecture", <i>Cancer Res.</i> 50:3816-3825.

EXAMINER

DATE CONSIDERED

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SEP 03 2002

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TECH CENTER 1600/2900

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Not Yet Assigned



*C112	Ryan et al., 1985, "Isolation of a Simian Virus 40 T-Antigen-Positive, Transformation-Resistant Cell Line by Indirect Selection", <i>Mol. Cell. Biol.</i> 5:3577-3582.
*C113	Sacks et al., 1979, "Abelson Murine Leukemia Virus-Infected Cell Lines Defective in Transformation", <i>Virology</i> 97:231-240.
*C114	Schena et al., 1995, "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", <i>Science</i> 270:467-470.
*C115	Schröder et al., 1995, "European Randomized Study of Screening for Prostate Cancer: Progress Report of Antwerp and Rotterdam Pilot Studies," <i>Cancer</i> 76:129-134.
*C116	Schumacher et al., 1994, "The Chicken Mx Promoter Contains an ISRE Motif and Confers Interferon Inducibility to a Reporter Gene in Chick and Monkey Cells", <i>Virology</i> 203:144-148.
** C117	Schutte et al., 1995, "An Integrated High-resolution Physical Map of the DPC/BRCA2 Region at Chromosome 13q12, <i>Cancer Res.</i> 55:4570-4574.
*C118	Serrano et al., 1993, "A New Regulatory Motif in Cell-Cycle Control Causing Specific Inhibition of Cyclin D/CDK4", <i>Nature</i> 366:704-707.
*C119	Shi et al., 1992, "Role for c-myc in Activation-Induced Apoptotic Cell Death in T Cell Hybridomas", <i>Science</i> 257:212-214.
*C120	Simonson et al., 1996, "Nuclear Signaling by Endothelin-1 Required Src Protein-tyrosine Kinases", <i>J. Biol. Chem.</i> 271:77-82.
** C121	Soares et al., 1994, "Construction and Characterization of a Normalized cDNA Library", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:9228-9232.
** C122	Srere and Uyeda, 1976, "Functional Groups on Enzymes Suitable for Binding to Matrices", <i>Methods Enzymol.</i> 44:11-147.
*C123	Stehelin et al., 1976, "DNA Related to the Transforming Gene(s) of Avian Sarcoma Viruses is Present in Normal Avian DNA", <i>Nature</i> 260:170-173.
*C124	Steinberg et al., 1978, "Isolation and Characterization of T Antigen-Negative Revertants from a Line of Transformed Rat Cells Containing One Copy of the SV40 Genome", <i>Cell</i> 13:19-32.
*C125	Stephenson et al., 1973, "Characterization of Morphologic Revertants of Murine and Avian Sarcoma Virus-Transformed Cells", <i>J. Virol.</i> 11:218-222.
** C126	Tavtigian et al., 1994, "Cloning of Mid-G <sub>1</sub> Serum Response Genes and Identification of a Subset Regulated by Conditional myc Expression", <i>Mol. Biol. Cell</i> , 5:375-388.
* C127	Tavtigian et al., 1996, "The Complete BRCA2 Gene and Mutations in Chromosome 13q-linked Kindreds", <i>Nature Genetics</i> 12:333-337.
** C128	Telenius et al., 1992, "Degenerate Oligonucleotide-Primed PCR: General Amplification of Target DNA by a Single Degenerate Primer", <i>Genomics</i> 13:718-725.
*C129	Valyi-Nagy et al., 1993, "Spontaneous and Induced Differentiation of Human Melanoma Cells", <i>Int. J. Cancer</i> 54:159-165.
** C130	van Dekken et al., 1990, "Targeted Cytogenetic Analysis of Gastric Tumors by <i>in situ</i> Hybridization with a Set of Chromosome-Specific DNA Probes", <i>Cancer</i> 66:491-497.

EXAMINER

DATE CONSIDERED

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## INVENTOR

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## FILING DATE

January 18, 2002

GROUP ART UNIT

Not Yet Assigned



*C131	van Weering et al., 1995, "Ret Receptor Tyrosine Kinase Activates Extracellular Signal-regulated Kinase 2 in SK-N-MC Cells", <i>Oncogene</i> 11:2207-2214.
*C132	Varmus et al., 1981, "Revertants of an ASV-Transformed Rat Cell Line Have Lost the Complete Provirus or Sustained Mutations in src", <i>Virology</i> 108:28-36.
*C133	Varmus et al., 1981, "Retroviruses as Mutagens: Insertion and Excision of a Nontransforming Provirus Alter Expression of a Resident Transforming Provirus", <i>Cell</i> , 25:23-36.
*C134	Velcich et al., 1995, "Patterns of Expression of Lineage-specific Markers During the in Vitro-induced Differentiation of HT29 Colon Carcinoma Cells", <i>Cell Growth Differ.</i> 6:749-757.
*C135	Velculescu et al., 1995, "Serial Analysis of Gene Expression", <i>Science</i> 270:484-487.
*C136	Vito et al., 1996, "Interfering with Apoptosis: Ca2+-Binding Protein ALG-2 and Alzheimer's Disease Gene ALG-3", <i>Science</i> 271:521-525.
*C137	Vogel and Pollack, 1974, "Isolation and Characterization of Revertant Cell Lines VI. Susceptibility of Revertants to Retransformation by Simian Virus 40 and Murine Sarcoma Virus", <i>J. Virol.</i> 14:1404-1410.
** C138	Weber, J.L., 1990, "Human DNA Polymorphisms and Methods of Analysis", <i>Curr. Opin. Biotechnol.</i> 1:166-171.
*C139	Weinberg, 1994, "Oncogenes and Tumor Suppressor Genes", <i>CA Cancer J. Clin.</i> 44:160-170.
** C140	Welsh and McClelland, 1991, "Genomic Fingerprinting using Arbitrarily Primed PCR and a Matrix of Pairwise Combinations of Primers", <i>Nucleic Acids Res.</i> 19:5275-5279.
** C141	Wetmur, J.G., 1991, "DNA Probes: Applications of the Principles of Nucleic Acid Hybridization", <i>Crit. Rev. Biochem. Mol. Biol.</i> 26:227-259.
*C142	Wilson et al., 1986, "A Frameshift at a Mutational Hotspot in the Polyoma Virus Early Region Generates Two New Proteins that Define T-Antigen Functional Domains", <i>Cell</i> 44:477-487.
** C143	Wolf et al., 1987, "Rapid Hybridization Kinetics of DNA Attached to Submicron Latex Particles", <i>Nucleic Acids Res.</i> 15:2911-2926.
*C144	Wölfel et al., 1995, "A p16INK4a-Insensitive CDK4 Mutant Targeted by Cytolytic T Lymphocytes in a Human Melanoma", <i>Science</i> 269:1281-1284.
*C145	Wooster et al., 1995, "Identification of the Breast Cancer Susceptibility Gene BRCA2", <i>Nature</i> 378:789-792.
*C146	Wooster et al., 1994, "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13", <i>Science</i> 265:2088-2090.
*C147	Wong et al., "High efficiency identification of genes by functional analysis from a retroviral cDNA expression library", <i>J. Virol.</i> 68:5523-5531.
*C148	Xie et al., 1995, "Dominant-Negative Mutants of Grb2 Induced Reversal of the Transformed Phenotypes Caused by the Point Mutation-activated Rat HER-2/Neu", <i>J. Biol. Chem.</i> 270:30717-30724.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to Applicant(s).

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10/053,366

**INVENTOR**

Carl Alexander Kamb

**FILING DATE**

January 18, 2002

**GROUP ART UNIT**

Not Yet Assigned

*C149	Xiong et al., 1993, "p21 is A Universal Inhibitor of Cyclin Kinases", <i>Nature</i> 366:701-704.
*C150	Xu et al., 1990, "The Neurofibromatosis Type 1 Gene Encodes a Protein Related to GAP", <i>Cell</i> 62:599-608.
** C151	Yanagi et al., 1984, "A Human T Cell-Specific cDNA Clone Encodes a Protein Having Extensive Homology to Immunoglobulin Chains", <i>Nature</i> 308:145-149.
*C152	Yokota et al., 1988, "Altered Expression of the Retinoblastoma (RB) Gene in Small-Cell Carcinoma of the Lung", <i>Oncogene</i> 3:471-475.
*C153	Zarbl et al., 1991, "Functional In Vitro Assays for the Isolation of Cell Transformation Effector and Suppressor Genes", <i>Environ. Health Persp.</i> 93:83-89.
*C154	Ziegler et al., 1994, "Sunburn and p53 in the Onset of Skin Cancer", <i>Nature</i> 372:773-776.
** C155	Zuckermann et al., 1992, "Design, Construction and Application of a Fully Automated Equimolar Peptide Mixture Synthesizer", <i>Int. J. Pept. Prot. Res.</i> 40:497-506.
C156	International Search Report, PCT/US97/23173, mailed 08/05/98

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